AIRFASCO INDUSTRIES
MANUFACTURER OF AEROSPACE PRODUCTS

2655 HARRISON AVE. SW
CANTON, OH 44706
PHONE: (330)430-6190
FAX: (330)430-6199

PHYSICAL AND CHEMICAL CERTIFICATION

DATE MFG.: 05/13/06 **PART NO.:** MS24694-S66 rev. 10/00/98 per NASM24694-S66

AFC LOT NO.: 12758 **QTY MFG.:** 142,861

PROCUREMENT SPECIFICATION: Produced per MIL-B-7839 B

HEAT TREAT

VENDOR: Brite Metal **CERTIFICATION NO.:** B-132959

PROCUREMENT SPECIFICATION: Heat Treat per MIL-H-6875 H

PLATING

VENDOR: Beringer Plating **CERTIFICATION NO.:** 39641

PROCUREMENT SPECIFICATION: Cadmium Plate per QQ-P-416, Type II, Class 3, F

MATERIAL

MILL: Timken **COUNTRY OF MELT:** USA **HEAT:** L8396

GRADE SPECIFICATION: Alloy Steel per AMS 6322 L, Type 8740, .188"

8740 MATERIAL CHEMISTRY											
ELEMENT-ID.	-C-	-MN-	-P-	-S-	-SI-	-NI-	-CR-	-MO-	-CU-	-AL-	Other
LADLE	.400	.880	.009	.010	.260	.430	.500	.230	.210	.037	

PHYSICAL PROPERTIES				
PHYSICAL	TENSILE	YIELD	SHEAR	HARDNESS
REQUIRED	2,490 lbs.	125,000 psi.	4,250 dbl. lbs.	HRC 26-32
ACTUAL	3,136 lbs.	138,761 psi.	N/A Length	HRC 29.5-30.5

Non-Destructive Magnetic Particle per ASTM-E-1444-01

We hereby certify that the above data is correct and that the fasteners have been manufactured and inspected in accordance with Airfasco Industries quality requirements.

Airfasco Industries
Quality Assurance Representative: _____
Wm. Dent